

XP-002273967

AN - 1989-082513 [11]  
AP - JP19870192688 19870803  
CPY - ASAG  
DC - E19 G05 P75  
DR - 1498-U 1510-U 1521-U 1694-U 1966-U  
FS - CPI;GMPI  
IC - B41M5/00  
MC - E10-G02F E10-G02G E10-H01B G05-F  
M3 - [01] G010 G011 G012 G013 G017 G019 G100 H5 H594 H598 H599 H9 J012 J014  
J242 J272 J273 M121 M142 M210 M211 M212 M213 M214 M215 M216 M220 M221  
M222 M223 M224 M225 M226 M231 M232 M233 M240 M271 M272 M280 M281 M282  
M283 M312 M315 M320 M321 M322 M323 M332 M334 M342 M344 M381 M383 M391  
M392 M393 M414 M416 M510 M520 M531 M532 M540 M620 M781 M903 M904 Q332;  
8911-D0701-U; 1704-X 1724-X 1711-X 1714-X  
PA - (ASAG ) ASAHI GLASS CO LTD  
PN - JP1036479 A 19890207 DW198911 003pp  
PR - JP19870192688 19870803  
XA - C1989-036832  
XIC - B41M-005/00  
XP - N1989-062807  
AB - J01036479 Ink jet recording material contains thioether cpd. of  
formula R-S-R' (I) with at least one thioether structure in a  
molecule. R, R' = opt. substd. alkyl or phenyl.  
- Ink jet recording material pref. comprises filler with ave. particle  
size 2-50 microns, ave. micropore size 120-500 Angstroms, ave.  
micropore volume 0.8-2.0 cc/g. Ink jet recording material thioether  
cpd. (I). Ink jet recording material comprises e.g. porous silica and  
at most 20 wt.% of boria, magnesia, zirconia and/or titania. Thioether  
cpd. is e.g. S-(CH<sub>2</sub>CH<sub>2</sub>-C(O)-O-CH<sub>12</sub>H<sub>25</sub>)<sub>2</sub>.  
- USE/ADVANTAGE - The ink jet recording material is recorded using  
water-based ink. Decolourising problems (changing colour from black to  
brown) which occurs when conventional azo type black dye is used in  
the ink, are avoided.(0/0)  
CN - 8911-D0701-U  
DRL - 1704-X 1724-X 1711-X 1714-X  
IW - INK JET RECORD MATERIAL IMPROVE DISCOLOUR RESISTANCE CONTAIN  
POLYTHIOETHER] COMPOUND PREFER SILICA FILL  
IKW - INK JET RECORD MATERIAL IMPROVE DISCOLOUR RESISTANCE CONTAIN  
POLYTHIOETHER] COMPOUND PREFER SILICA FILL  
NC - 001  
OPD - 1987-08-03  
ORD - 1989-02-07  
PAW - (ASAG ) ASAHI GLASS CO LTD  
TI - Ink jet recording material with improved discolouration resistance -  
contains thioether cpd. and pref. silica filler

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